## This Page Is Inserted by IFW Operations and is not a part of the Official Record

## BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

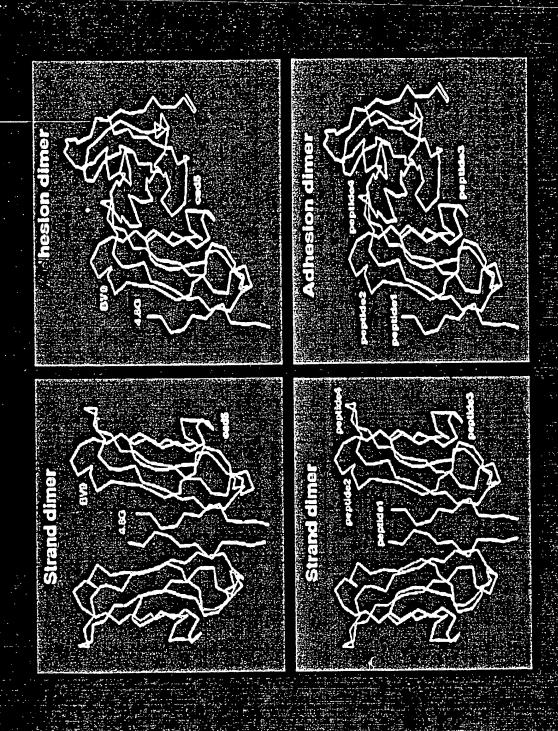
Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

## IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problems Mailbox.

hesion Models Based on the X-ray Studies of N- and E-



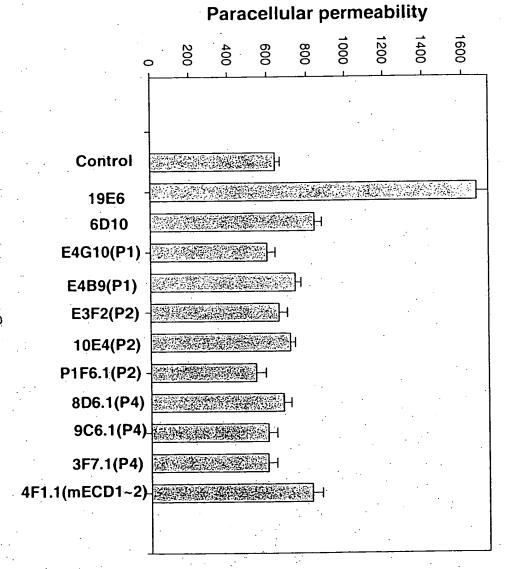
## Sequence Alignment of ECD1 of Four Classic Cadhe

B	₾	ı	2	2		
ł	-		DEM GETTERVENE AND VOICE TO THE TENED OF THE	1		
			Ŀ	3		•
		•				•
•	: :	Ċ			٠.	
	2		9	4		
	7	Ŷ	6	3		
	Z	4	Ė	Ų		
I	÷	÷	Ļ	J		
	Ω	2		3		
一角 はいま はい こうかん かんしょう はい こうしゅ しゅうしゅう かんしゅう アンド・ファイン・ディー・ディー・ディー・ディー・ディー・ディー・ディー・ディー・ディー・ディー	j		E	2		
	Ų		Ľ	2		į
	S	r.	b	?		
	Ō		Ŀ	J		
	Ē			) 		į
	$\mathbf{C}$	Ų,	Ŀ	3		į
						١
	4	湿	Ę	S	9	
	$\mathbf{Z}$		Ų	י	ł	Ì
	Н	3	Ş	2	j	ì
	שַ	A	Ų	2	ij	i
	T		Ŀ			
		3	L	ī	į	
	Ų		K	2	Ž	į
	2	4		è	ĺ.	
		1	ŀ	÷	3	
	1		Ė	?	Ì	
	Ų	2		í	3	
		18	Ŀ	ī	į	
	3	4	Į.	3	ě	į
	Ě	3	Ŀ	~		
	Ę		Ľ	3	Ä	1.
	٩	7		_	į	
	Ę	-	ď	<u> </u>	Š	
	2	4		3	å	
	ŀ	3		· •	Į	
	Ā	į	J	Ž	Ä	
	13	3	K	Ę	d	
	E	2		2	÷	
	5	ĕ		Ξ	Ì	
	ż	3		É	Ŷ,	
,	۶			ì	ì	;
	Ę	×	į.	7	Ú	
	7	W		X	ď	
		h		Ï	ł	٠
	ì			Ĭ	3	
	H	7		Ì	ı	
	Ľ	ź		Z	1	
		5		ភ	i	
Ś		ď		ล	N	
į	H	5		3	ď	
		7	į.	Ť	۱	
٠.	ŀ	=	e l	Ĭ	'n	į
7	9	H	į.	Δ	K	į
Ė	7	7	4	ā	K	į
į	ŀ			Ø	H	į
T.	ď	•	1	Š	ļ	ľ
ź		$\leq$		-	1	
j	F	₹	ž. 1912.	7	3	į
i i	ا بن	-	1	F	į	Ì

		•	
	377		ĺ
	ਨ <u>ੇ</u>	ሽ	•
	3		
er skilg			
			i
			_
10	$\rightarrow$	<b>&gt;</b> :	
	62		
	중	6.	
		-	
		` 1 <sup>2</sup>	
		2.5	
		<b>1,73</b>	
		K	
	U	(b)	
i LO			
ு		2.5	
(O)	4	الأجرا	
Cad5			
Cad5	(U)	(U)	
		<b>O</b>	
	45		l
			l
	<b>&gt;</b> 1	7	l
		-3	l
			ı
			ŀ
********			ı
,			į
	. 1		
		$\sim$ 1	
	7		
		(Li	
		7	
100		<u>- 1</u>	
	$\mathbf{O}$	Ø	
ത്			
5	124	<b>7</b> 1	
	and All		
- 14	Y		
	GK	첫	
	VGK	V-K	
	<b>JVGK</b>	YV-KDOSNVNRO-NAKYVLQGEFAGKTFGVDA mVEC	
	HIVGKIKSSVSRK-NAKYLLKGEYVGKV¤RVDA	X-VX	
	<b>ЭННИСК</b>	HYV-K	
	PHHVGK	N-VYIG	
#	принуск	X-VXHQ1I	
**	<b>ЗГРИНУСК</b>	SILPHWV-K	
	NSTATE THEORY	X-VXHQ11S	
***	<b>WEST PERFORK</b>	NESILPHYV-K	
	<b>NESTREET STATE</b>	WEST PHYV-K	
	KNTSTPHIWCK	KNESIPHYV-K	
1	<b>EKNTSI PHIVGK</b>	BKNESIDPHYV-K	
	<b>BEKNTSI PHIVGK</b>	PEKNESIDPHYV-K	
	<b>DEFKNTSLIPHINGK</b>	N-VYHQLISENMERO	
3.G	DBEKNTSITPHINGK	TOPEKNESIDHYV-K	
8G	TDEEKNUSITEHHVGK	X-VYHQLISENXEE(IT	
. 8G	HI DEBKNINSTERHWCK	HIDERKNESILPHYV-K	
4.8G	MH DEEKNEUDHINGK	M-VYHQLISENNEEDHYV-K	
4.8G	OWH DESKNIPSIEDHWCK	<u>OMHUDEEKNESIPHXV-K</u>	
4.8G	<b>VOMETDEEKNTSILPHEV</b> GK	<u>VQMETDEEKNESILPHYV-K</u>	
4.8G	WOMER DEFENDING INDEED	NOMHEDEEKNE SLIPHYV-K	
4.8G	WNOWH DEEKNTSI PHINCK	WNOMHIDEEKNESLPHYV-K	
4.8G	TWNOMET DEFKNTSL PHIVCK	TWNOMETDERKNESTREHYV-K	
4.8G	WINNOWHIDERKNUSI PHINCK	MIMNOMETED PRINCISITERY - K	
4 . 8G	ON LWNOWH LOBBKNTSI PHIWGK	DWIMNOMHIDEEKNESIPHYV-K	

U	U.
ARFHIRAFAVDIN-GNOVENPIDIVINVIDMNDNRPEF ENC	AKYTITYSHAVSIN-GEAWEDPMETVITYTDONDNRPEF MEC
<b>:</b>	F
24	
$\square$	2
$\Omega_{i}$	
$\mathbf{K}$	$\mathbf{Y}_{\mathbf{z}}$
2	
4	Z:
$\mathbf{Z}$	Q.
	5
2	
4	5 2
$\geq$	
	天保
-3	
	2
-3	
NEVQV	
3	
Ψ,	
NI	
3	
SHIRKALLA	- 1
Se !	
	り機
	C
	7. 6
10	
	1
1	1
357 6	1

ľ	$\times$	X	
I	-		
ł	-	->	٠.,
ì			
L	-	يحا	
			- 1
ı		_ :	
	空海	1	
	$\geq$	5	
			Ĵ.
	-/-	7	
	⊂-4		
	- 1		
		$\sim$	
•	9-		
	7	$\overline{z}$	
	~		
	-		₹:
		2	
	$\mathbf{X}_{i}$	8	
		2	Н
		رج	
	12.	7	į.
		-	
	<b>V</b> §	WELL TO KNOWN KANTE OF SSERVIKATED INDININIST IN THE	ğ
	(1) 関	(J)	Ŋ
	0.6		ı
	74	-	١
		L.	11
	<b>CD S</b>	Ċ	H
		K	H
		_	ł
			1
	<b>65</b> \$	~~	H
	7.8		1
		F-5	IJ
		15	Li
		1	1
		₩.	1
			1
			H
			4
	4		١,
		العا	
	$\mathbf{>}$		U
			A
			æ
	5.8		4
:.	<b>3</b>	1-	
	9	32	•
			H.
	> 雄	. 2	
	SEVHIFTAVIVDKDFGENIFETIPSSFFFFKVHIDVNDNMPVE: FVE	7SF	
	70		1
÷		*	
			ni.
,		- 1	4
	<b>75</b> 8	- 7	1
	一推		Æ
•			32
			T.
		3.6	М
		VERTURE	8
ŝ	1		N
S	O.	r.	
		4	K
	RECOURTED A	. ?	州
ú	: 4		相
	a		Ú
ž	<b>.</b>	-	ů
á			ij.
d			4
ð	<b>1</b> 7.4	37	•
	<b>~</b>	2	Ä
Ė	-1	335	L
ø	ត		2
Š		عَامَة	'n
d	OF ELK	200	57



Effects of the anti-ECD1 Peptides Antibodies on Paracellular Permeability of H5V cells

The Effects of Three Anti-murine VE-cadherin mAb on Vascular Permeability in Mice

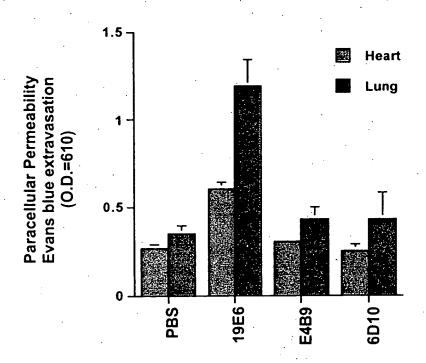


Fig. 4

E-cadherin mAb 19E6 FGF-induced neovascularization in opocket assa

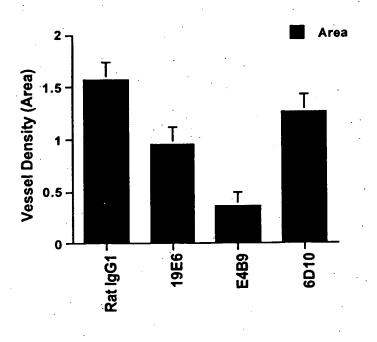


Rat IgG

19E6

F16 51

Quantification of the Effects of Three Anti-murine VE-cadherin mAb on Inhibiting Angiogenesis in vivo (mouse Corneal micropacket assay)



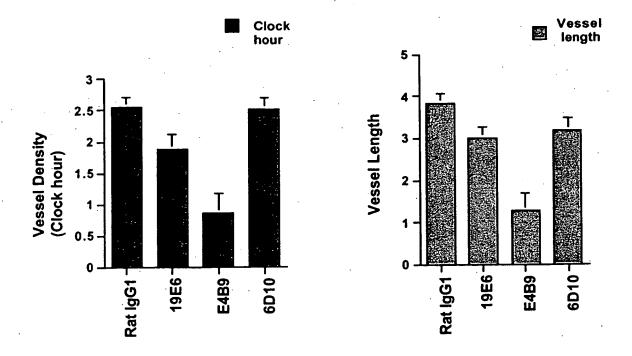


Fig. 5B